FIG. 1A

FIG. 1B

FIG. 1C

220
230
240

FIG. 2

300	301
302	303

FIG. 4
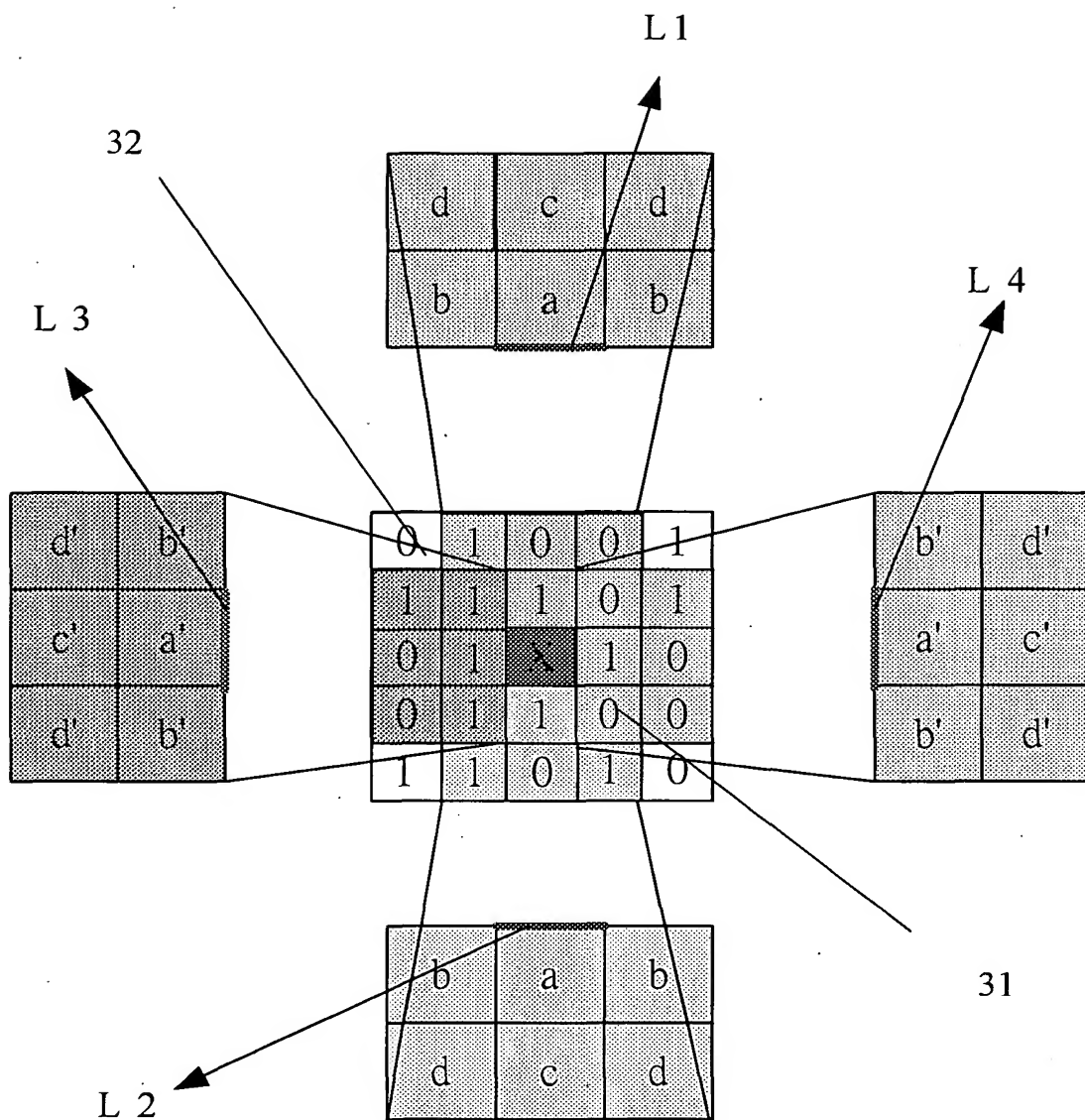
FIG. 3

FIG. 5

d	c	d
b	a	b
	X	

FIG. 6

d	c	d
b	a	b
	X	

FIG. 7

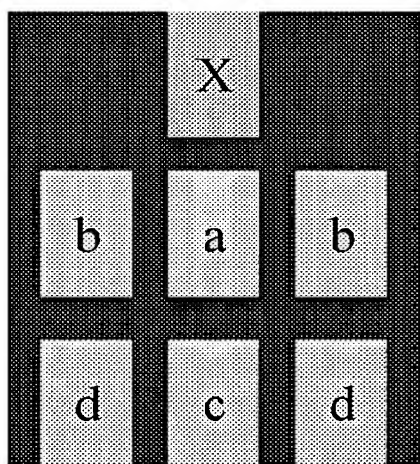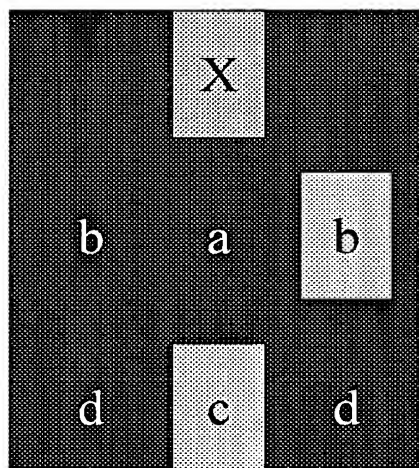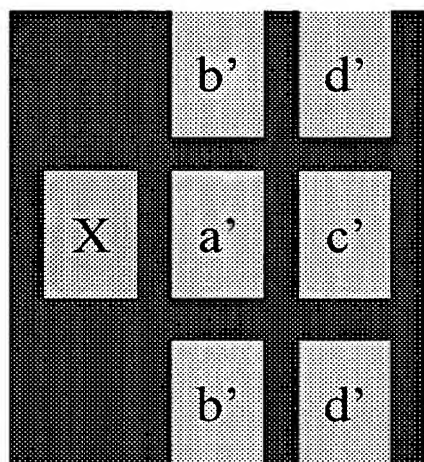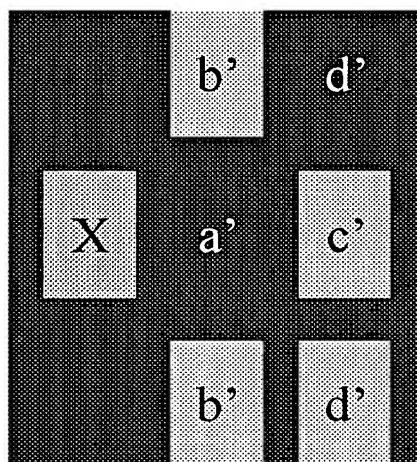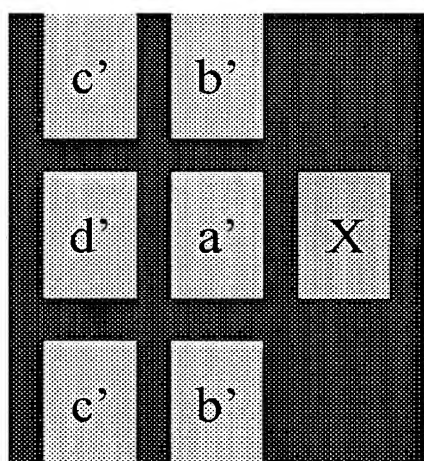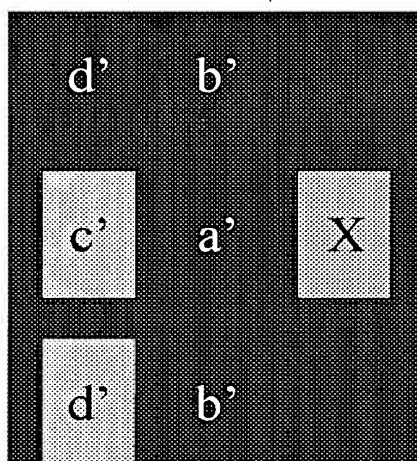|	X	
b	a	b
d	c	d

FIG. 8

	X	
b	a	b
d	c	d
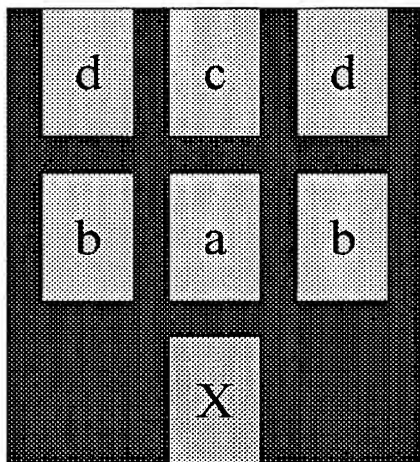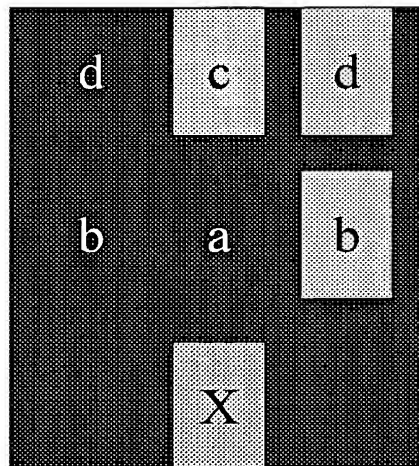
FIG. 9

FIG. 10

FIG. 11

FIG. 12

FIG. 13

FIG. 14

FIG. 15

$$Sx=Sx0+rx2$$
$$Sy=Sx0+ry1$$

FIG. 16

FIG. 17

FIG. 18

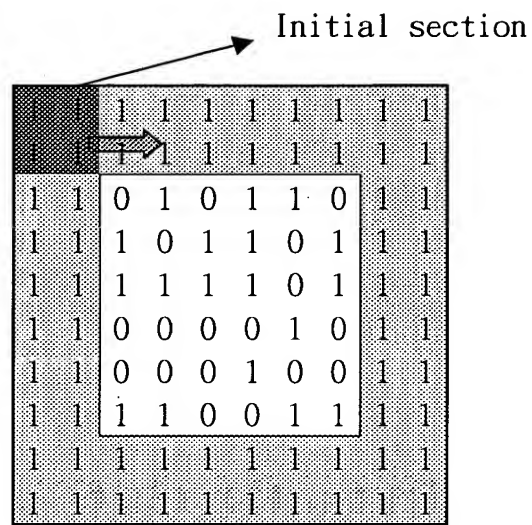Before OPC process

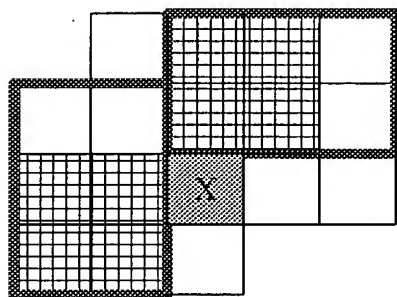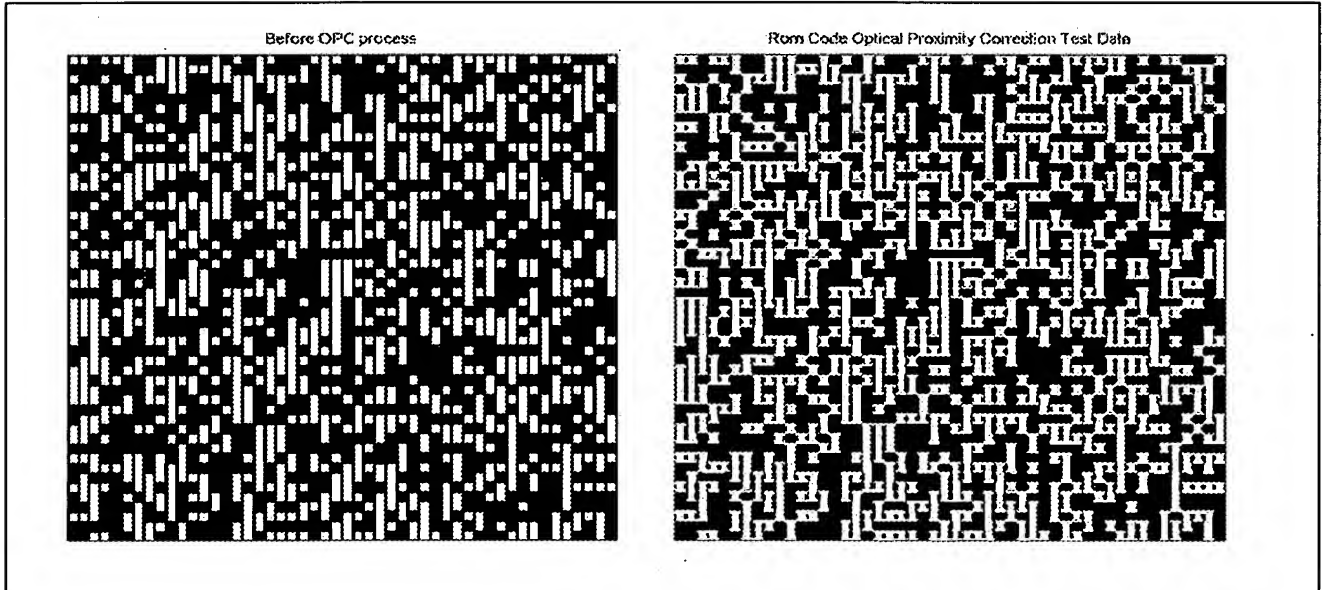Rom Code Optical Proximity Correction Test Data
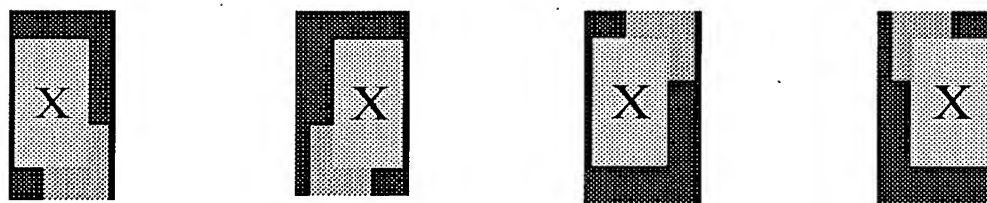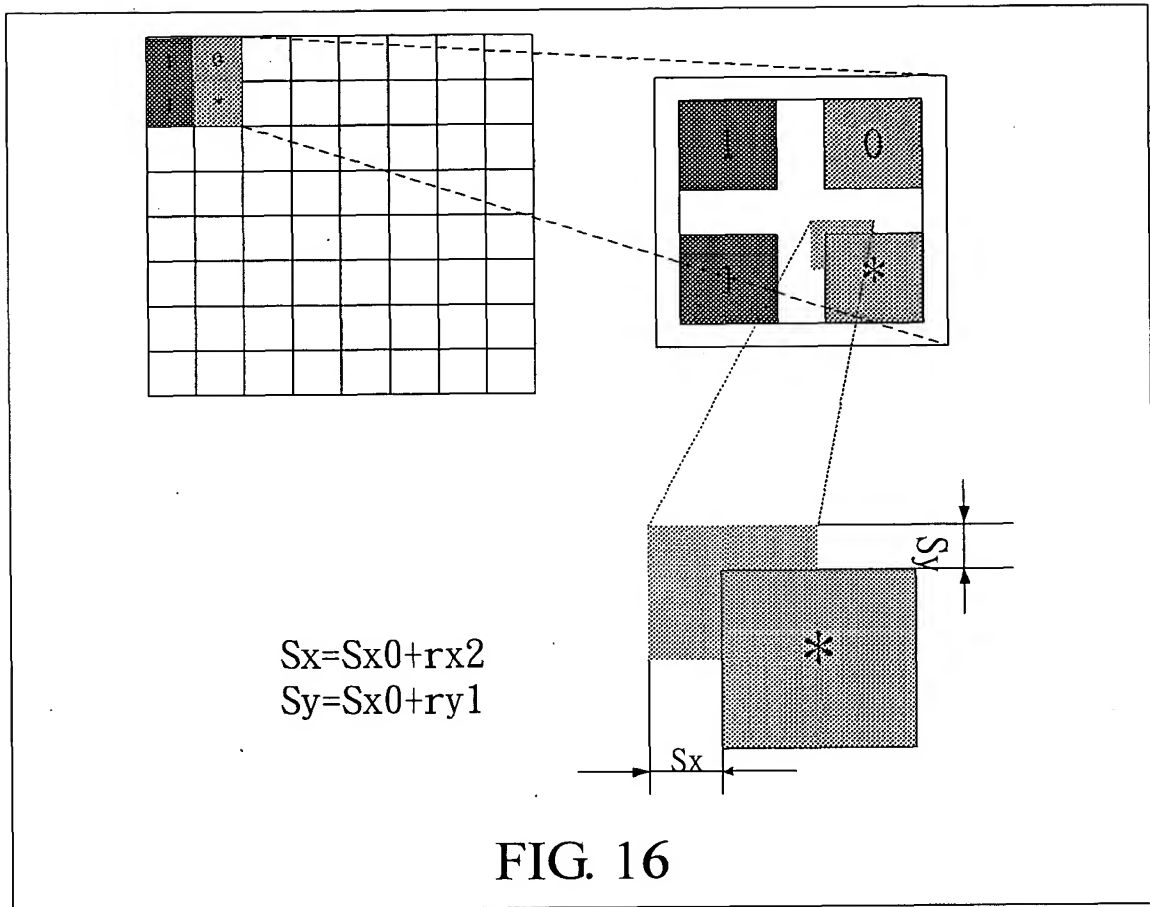
FIG. 19A   FIG. 19B

Rom Code Optical Proximity Correction Test Data

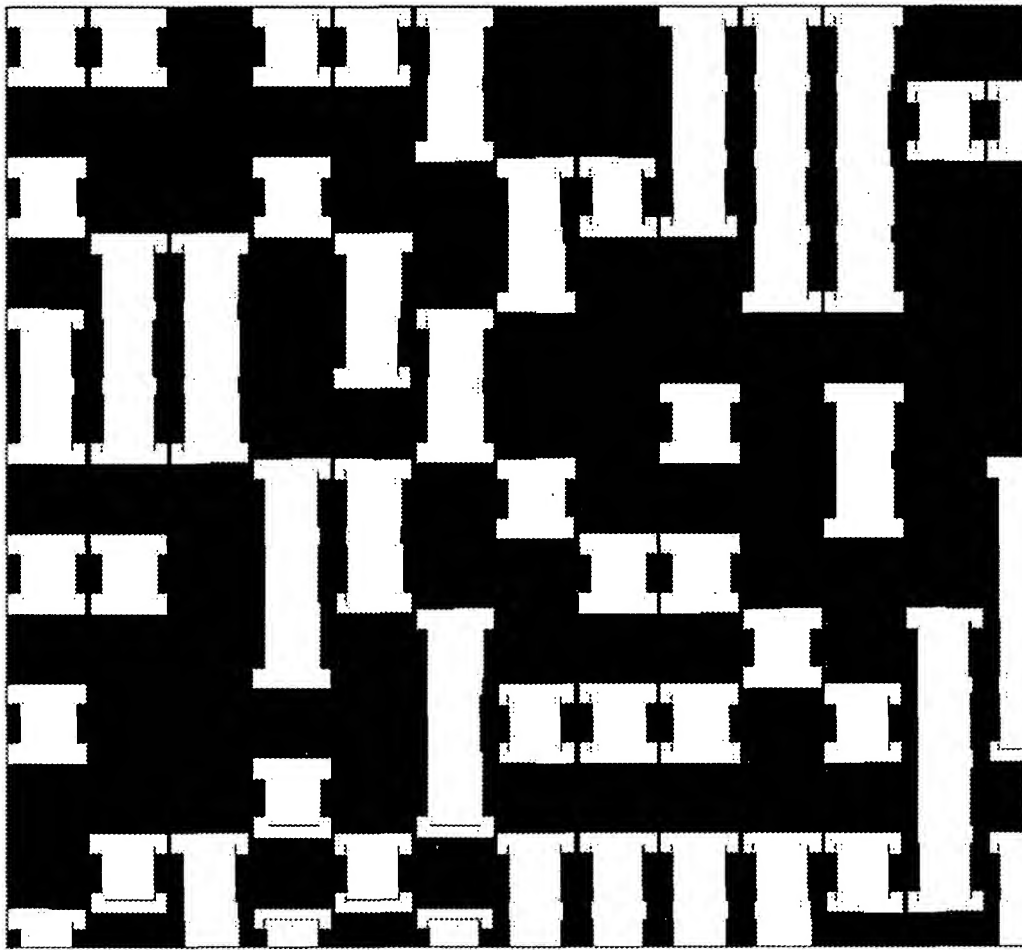FIG. 20